| Index of Claim |
|----------------|
|----------------|



Application/Control No.

10/702,323

Examiner

Ronald Laneau

Applicant(s)/Patent under Reexamination

THOMAS, ALFRED

Art Unit

3714

| <b>√</b> | Rejected |
|----------|----------|
| _        | A 11     |

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

|             |   | L                                       |              |              |                |  | J  |              |              |              |                   |
|-------------|---|---|--------------|--------------|----------------|--|--|--------------|--------------|--------------|-------------------|
| Cla         | ·im   | 1                                       |              |              | _              | 201  |  |              |              |              | 1                 |
| Ula         | um  | <del> </del>                            | —            |              |                | Date   | _  | _            | _            | _            | $\left\{ \right.$ |
| _           | <u>a</u>  | 🛌                                       |              |              |                |  |  |              |              |              |                   |
| Final       | Original  | 5/12/07                                 |              |              |                |  |  |              |              | ŀ            | l                 |
| L L         | Ö   | 5                                       |              |              |                |  |  |              |              |              | ľ                 |
| <u> </u>    |   | Ļ                                       | _            |              | _              |  | L  |              |              | <u> </u>     | ļ                 |
|             | 1_  | V                                       | _            |              |                | _  |  |              |              |              | l                 |
|             | 2   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   |              |              |                |  |  |              | _            |              | ł                 |
|             | 3   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   |              |              | _              |  |  |              |              |              | ł                 |
| <u> </u>    | 4   | <u>٧</u>                                | <u> </u>     |              |                |  |  | _            |              | <u> </u>     | ł                 |
|             | 5   | V                                       | <u> </u>     | <u> </u>     | -              | <u> </u>   | _  | <u> </u>     |              |              | ł                 |
|             | 5   | V /                                     | <u> </u>     |              |                | _  |  | <u> </u>     | <u> </u>     | <u> </u>     | ł                 |
| <u> </u>    | -   | V<br>J                                  | <del> </del> | <del> </del> | <u> </u>       |  |  |              |              | ┝            | ł                 |
|             | -   | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | <u> </u>     | ⊢            | <del> </del> — |  | <del> </del>                                     | <u> </u>     |              | ⊢            | ł                 |
|             | 10  | N I                                     | $\vdash$     | <u> </u>     | _              |  | -  | <del> </del> |              |              | ł                 |
| <del></del> | 11  | 1                                       | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$   | -            |              | ⊢            | l                 |
| -           | 12  | 1                                       | $\vdash$     | $\vdash$     | -              | -  | $\vdash$   | -            | -            |              | ł                 |
| <u> </u>    | 12  | <del>,</del>                            | <del> </del> | ├            | <del> </del> — |  | <del> </del>                                     |              | <del> </del> | $\vdash$     | 1                 |
|             | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25 | ファンファファファファファファファファファファファファファファファファファファ |              | ├—           |                | ⊢  | <del> </del>                                     | $\vdash$     | ├            | ⊢            | 1                 |
| -           | 15  | 1                                       | $\vdash$     |              |                | ├  | $\vdash$   |              | $\vdash$     | $\vdash$     | 1                 |
| -           | 16  | 1                                       |              |              |                | $\vdash$   | $\vdash$   |              |              | $\vdash$     | ł                 |
| -           | 17  | J                                       | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$   | $\vdash$   |              | $\vdash$     | $\vdash$     | 1                 |
|             | 18  | Ĵ                                       | ┝            | -            |                |  |  |              | ┢            | -            | ł                 |
| _           | 10  | j                                       | <del> </del> | -            | -              | -  | ├─   | $\vdash$     | ┝            | ┝            | ł                 |
|             | 20  |   | $\vdash$     | $\vdash$     |                | $\vdash$   | -  | -            | ├─           | ┢            | ł                 |
|             | 21  | 1                                       |              |              |                | $\vdash$   | $\vdash$   | -            | -            | ┢            | 1                 |
| $\vdash$    | 22  | J                                       | $\vdash$     | ┢            | $\vdash$       | ┢  | -  |              | $\vdash$     | -            | 1                 |
|             | 23  | 7 7                                     |              | $\vdash$     | $\vdash$       |  | ┢  | -            | ┢            | ┢            | 1                 |
|             | 24  | J                                       | <del> </del> | $\vdash$     | _              | <del>                                     </del> | <del>                                     </del> | $\vdash$     | _            | -            | 1                 |
|             | 25  | Ī                                       |              |              |                |  |  |              |              |              | 1                 |
| $\vdash$    | 26  | 1                                       | _            | _            |                | _  | -  |              |              | T            | i                 |
|             | 27  | V                                       |              | _            | _              |  |  |              |              |              | ĺ                 |
|             | 26<br>27<br>28<br>29  | 1                                       |              |              | Г              |  | $\vdash$   | _            | $\vdash$     | $\vdash$     | ١                 |
|             | 29  | 1                                       | _            | $\vdash$     |                |  |  |              | ŀ            |              | 1                 |
|             | 30  | V                                       |              |              |                |  |  |              |              |              | 1                 |
|             | 30<br>31  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   | Т            | Ι_           | <u> </u>       | ļ  | Г  |              |              |              | ١                 |
|             | 32  | 1                                       |              | Г            |                |  |  |              |              |              | ١                 |
|             | 33  | 1                                       |              |              |                |  |  |              |              |              | 1                 |
|             | 32<br>33<br>34<br>35  | 1                                       |              |              |                |  |  |              |              |              | ].                |
|             | 35  | 7 7 7                                   |              |              |                |  |  |              |              |              |                   |
|             | 36  |   |              |              |                |  |  |              | L            |              |                   |
|             | 37  | 1                                       |              |              |                |  |  |              |              |              |                   |
|             | 38  | 1                                       |              |              |                |  |  |              |              |              |                   |
|             | 39  | V                                       |              |              |                |  |  |              |              |              | 1                 |
|             | 40  | 1                                       |              | L            |                |  |  |              |              |              | 1                 |
|             | 41  | 1                                       | <u> </u>     | <u> </u>     |                | <u> </u>   | <u> </u>   |              |              | _            | 1                 |
|             | 42  | V                                       | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>     | 1                 |
|             | 43  | V                                       | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | _            | 1                 |
|             | 44  | V                                       | <u> </u>     | $\vdash$     | <u> </u>       | <u> </u>   | $\vdash$   | <u> </u>     | <u> </u>     | <u> </u>     | 1                 |
| <u> </u>    | 45  | V                                       | L            | <u> </u>     |                |  | $\vdash$   | _            |              | <u> </u>     | 1                 |
|             | 46  | 1                                       | <u> </u>     | <u> </u>     |                | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u>     | <u> </u>     |                   |
|             | 47  | 1                                       |              | $\vdash$     | <u> </u>       | ļ  |  | _            | <u> </u>     | <u> </u>     | 1                 |
|             | 48  | 1                                       |              | H            | <u> </u>       |  |  | <u> </u>     | <u> </u>     | $\vdash$     | 1                 |
|             | 49  | \ \                                     |              | <u> </u>     | <u> </u>       | <u> </u>   | <u> </u>   | <u> </u>     |              | <del> </del> | 1                 |
|             | 50  | L                                       |              |              |                |  |  | L            |              | L .          | 1                 |

| C        | laim                 | Π   |          |  |          | Date     |          |              |                |   |
|----------|----------------------|---|----------|--|----------|----------|----------|--------------|----------------|---|
|          |                      |   |          |  |          |          |          |              |                |   |
| =        | Original             |   |          |  |          |          |          |              |                |   |
| Final    | i ig                 |   |          |  |          |          |          |              |                |   |
| L        | 15                   |   |          |  |          |          |          |              |                |   |
|          |                      |   |          |  |          |          |          |              |                |   |
|          | 51<br>52             |   |          |  |          |          |          |              |                |   |
|          | 52                   | $\vdash$  |          |  |          |          |          |              |                |   |
| <u> </u> | 53                   | $\vdash$  |          | $\vdash$   |          |          |          | _            | ┢              | ├─  |
| -        | 53                   |   | _        | _  |          |          | -        | _            |                |   |
|          | 54<br>55             | <u> </u>  | _        | _  |          |          | _        |              | ┡              | <u> </u>  |
|          | 55                   | _   |          |  |          |          |          |              |                |   |
|          | 56                   |   |          |  |          |          |          |              | l              | l   |
|          | 57                   |   |          |  |          |          |          |              |                |   |
| -        | 58                   |   |          | $\vdash$   |          |          |          |              |                |   |
|          | 59                   | $\vdash$  | _        | $\vdash$   |          |          |          |              |                |   |
|          | 60                   | $\vdash$  |          |  |          | -        | _        | _            | <del> </del>   | ┝   |
|          | 00                   | <del>                                     </del>  |          | ├  |          | _        |          | _            | ⊢              | ├   |
| -        | 61                   | ⊢   | <u> </u> | <u> </u>   |          | $\vdash$ | $\vdash$ | <u> </u>     | <u> </u>       | <u> </u>  |
|          | 62                   | L   |          | <u>_</u>   |          |          | L        |              | $oxed{oxed}$   | $ldsymbol{ld}}}}}}$ |
|          | 63                   | _   |          | _  |          |          |          |              |                |   |
|          | 64                   | П   |          |  |          |          |          |              |                |   |
|          | 65                   |   |          | <del>                                     </del> | _        | Н        | Т        |              | $\vdash$       | $\vdash$  |
| -        | 66                   | ╁   | _        | $\vdash$   |          |          |          | -            | $\vdash$       |   |
|          | 66<br>67             | _   | <u> </u> | ⊢  | -        |          |          | ⊢            | <u> </u>       |   |
| <u> </u> | 67                   | ļ   |          | <u> </u>   | _        |          |          | <u> </u>     | _              |   |
|          | 68                   |   |          |  |          |          |          |              | _              |   |
|          | 69                   |   |          |  |          |          |          | _            |                |   |
|          | 70                   |   |          |  |          |          |          |              |                |   |
|          | 71                   |   |          |  |          |          |          | _            | Т              |   |
|          | 72                   |   |          | _  | _        | _        |          | $\vdash$     | _              |   |
| -        | 72                   | _   |          | $\vdash$   | $\vdash$ |          | -        | $\vdash$     |                |   |
| -        | 72<br>73<br>74<br>75 | <u> </u>  | _        | -  |          |          | —        | <u> </u>     | ┝              |   |
|          | /4                   | _   | _        | _  | _        |          |          | _            | <u> </u>       |   |
|          | 75                   |   |          |  |          |          |          |              | _              | L.  |
|          | 76                   |   |          |  |          |          |          |              |                |   |
|          | 77                   |   |          |  |          |          |          |              |                |   |
|          | 77<br>78             |   |          |  |          |          |          |              |                |   |
|          | 79                   | $\vdash$  |          | _  |          |          |          | $\vdash$     | $\vdash$       | $\vdash$  |
|          | 80                   | -   | _        | $\vdash$   |          | _        |          | $\vdash$     | $\vdash$       |   |
| -        | 00                   | ⊢   | —        | ├  | _        | _        |          |              | -              | -   |
| ļ        | 81                   | _   |          | <u> </u>   | _        | _        |          | $\vdash$     | L              | <u> </u>  |
| 1        | 82                   | _   |          | _  |          |          |          |              |                | L   |
|          | 83                   |   |          |  |          |          |          |              |                |   |
|          | 84                   |   |          |  |          |          |          |              |                |   |
| 7        | 85                   |   |          |  |          |          |          |              |                |   |
|          | 86                   | П   |          |  |          |          |          |              | <del>  -</del> | $\vdash$  |
| -        | 87                   | $\vdash$  |          | -  |          | -        | $\vdash$ | $\vdash$     | $\vdash$       | $\vdash$  |
| -        |                      | $\vdash$  | <b>.</b> | ├  | -        | $\vdash$ | $\vdash$ | <del> </del> | $\vdash$       | $\vdash$  |
|          | 88                   | $\vdash$  | μ,       | <u> </u>   |          | _        | ļ        | <u> </u>     | <u> </u>       |   |
|          | 89                   |   |          | L.   |          |          | _        |              | _              | <u> </u>  |
|          | 90                   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | L        |  |          |          |          | L            |                |   |
| '        | 91                   |   |          |  |          |          |          |              |                |   |
|          | 92                   |   |          | Г  |          |          |          |              |                |   |
|          | 93                   |   |          | Г  |          |          |          |              | <u> </u>       |   |
|          | 94                   | $\vdash$  | $\vdash$ | $\vdash$   | -        | -        | $\vdash$ | -            | $\vdash$       | $\vdash$  |
| $\vdash$ | 95                   | -   |          | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$       | $\vdash$  |
| -        |                      | $\vdash$  | $\vdash$ | -  |          | -        | $\vdash$ | $\vdash$     | $\vdash$       | <del> </del>  |
| ⊢        | 96                   | <b> </b>  |          | Ш  |          |          | $\vdash$ | Н            | Щ.             | _   |
|          | 97                   | <b>—</b>  |          |  | $\vdash$ | Щ        | $\sqcup$ | Ш            | $\vdash$       | <u> </u>  |
|          | 98                   |   |          | Щ  |          |          | Щ        |              | $\Box$         | <u> </u>  |
|          | 99                   |   |          |  |          |          |          |              |                |   |
|          | 100                  |   |          |  |          |          |          |              |                |   |
|          |                      |   |          |  |          |          |          |              |                |   |

| Cla   | aim  |          |          |              | [  | Date               |  |               |              |          |
|-------|--|----------|----------|--------------|--|--------------------|--|---------------|--------------|----------|
| 0     |  |          |          |              |  |                    | Ī  |               | Γ            | Γ        |
| Final | Original   |          |          |              |  |                    |  |               |              |          |
|       | 101  |          | $\vdash$ |              | -  | H                  |  |               | -            | Н        |
|       | 101<br>102<br>103  | _        | $\vdash$ | _            | ┝  | -                  |  | -             | -            | Н        |
|       | 103  | _        | _        | _            | -  | $\vdash$           | -  |               | -            | Н        |
|       | 104  | _        |          | -            | _  | $\vdash$           |  | $\vdash$      | -            | Н        |
|       | 104<br>105   |          |          |              |  | <u> </u>           |  |               | -            |          |
|       | 106  |          |          |              | _  | _                  |  | $\overline{}$ | $\vdash$     | П        |
|       | 107  |          |          |              |  |                    |  |               |              | П        |
|       | 107<br>108   |          |          |              |  |                    |  |               | _            |          |
|       | 109  |          |          |              |  |                    |  |               |              |          |
|       | 110  |          |          |              |  |                    |  |               |              |          |
|       | 111  |          |          |              |  |                    |  |               |              |          |
|       | 112  |          |          |              |  |                    |  |               |              | Ш        |
|       | 113  |          |          |              | L  |                    |  |               |              |          |
|       | 114  |          |          | L            | L.   | <u> </u>           |  | _             |              | Ш        |
|       | 110<br>111<br>112<br>113<br>114<br>115<br>116<br>117<br>118        | Ш        |          | <u> </u>     | L.   | <u> </u>           |  | <u> </u>      | <u> </u>     | Ш        |
|       | 116  |          |          | _            | _  |                    |  | _             | _            | Щ        |
|       | 117  |          | _        | _            | _  | _                  | -  | _             | <u> </u>     | Н        |
|       | 118  |          | _        | <u> </u>     | <u> </u>   |                    |  | <u> </u>      | _            | Ш        |
|       | 120  | _        | _        | <u> </u>     | $\vdash$   | _                  | _  |               | $\vdash$     | Н        |
|       | 120  |          | -        |              |  | -                  |  | -             | -            | Н        |
|       | 121  |          |          | H            |  | -                  |  | <u> </u>      | <del> </del> | Н        |
|       | 123  |          | ┢        | ┝            | <del>                                     </del> | -                  | <del> </del>                                     | ┢             | ┝            | Н        |
|       | 124  |          |          | ┝            | -  | -                  |  | -             | ┝            |          |
|       | 125  |          |          | $\vdash$     |  | -                  |  | -             |              |          |
|       | 126  |          |          |              |  |                    |  |               | -            | Н        |
|       | 127  |          |          |              | -  | _                  |  |               | $\vdash$     | -        |
|       | 128  |          | $\vdash$ |              |  | Г                  |  |               |              | П        |
|       | 129  |          |          |              |  |                    |  |               | _            |          |
|       | 121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          |          |              |  | Г                  |  |               |              |          |
|       | 131  |          |          |              |  |                    |  |               |              |          |
|       | 132  |          |          |              |  |                    |  |               |              |          |
|       | 132<br>133   |          |          |              | $\Box$   | $oxedsymbol{oxed}$ |  |               |              | Ш        |
|       | 134  |          |          |              |  | _                  |  | <u> </u>      | _            | Ш        |
|       | 135  | <u> </u> | <u> </u> |              | <u> </u>   | L.                 |  |               | <u> </u>     | L        |
|       | 136  | H        | <u> </u> |              | <u> </u>   | <u> </u>           | <u> </u>   |               | <u> </u>     | Щ        |
|       | 137  | $\vdash$ | <u> </u> | <u> </u>     | <u> </u>   |                    | <u> </u>   | <u> </u>      | $\vdash$     | Щ        |
|       | 138<br>139   |          |          | -            | <u> </u>   | $\vdash$           | _  | _             | <u> </u>     |          |
|       | 140  | $\vdash$ | <u> </u> | <del> </del> | <u> —                                   </u>     |                    | <u> </u>   | <del> </del>  | ├            | $\vdash$ |
|       | 141  | H        | _        |              | -  | -                  | -  | —             | $\vdash$     | $\vdash$ |
| -     | 142  |          | -        |              | $\vdash$   |                    |  | <del>-</del>  | $\vdash$     | $\vdash$ |
|       | 143  |          | $\vdash$ | H            | _  | $\vdash$           | <del>                                     </del> |               | -            | Н        |
|       | 144  |          |          |              | $\vdash$   | _                  |  | _             | _            | $\vdash$ |
|       | 145  | М        |          |              |  |                    |  |               |              | Н        |
|       | 146  |          |          |              |  |                    |  |               |              | H        |
|       | 147  |          |          |              |  |                    |  |               |              | П        |
|       | 148  |          |          |              |  |                    |  |               |              |          |
|       | 149  |          |          |              |  |                    |  |               |              |          |
|       | 150  |          |          | L            |  |                    |  |               |              |          |